

## Recombinant Human LRG1 Protein

Catalog #	Source	Reactivity	Applications
CRP1911	Human cells	Human	E, WB, SDS-PAGE, MS

**Description** Recombinant Human LRG1 Protein is produced by our mammalian expression system and the target gene encoding Val36-Gln347 is expressed with a Fc, 6His tag at the C-terminus.

**Form** Liquid in a 0.2  $\mu$ M filtered solution of 20mM Tris, 200mM NaCl, 10% Glycerol, pH 8.0.

**Gene Symbol** LRG1

**Alternative Names** LRG; Leucine-rich alpha-2-glycoprotein; LRG

**Entrez Gene** 116844 (Human)

**SwissProt** P02750 (Human)

**Purity** Greater than 95% as determined by reducing SDS-PAGE.

**Chemical Structure** VTLSPKDCQV FRSDHGSSIS CQPPAEIPGY LPADTVHLAV EFFNLTHLPA NLLQGASKLQ ELHLSSNGLE SLSPEFLRPV PQLRVLDLTR NALTGLPPGL FQASATLDTL VLKENQLEVL EVSWLHGLKA LGHLDLSG NR LRLKPPGLLA NFTLLRTL DL GENQLETLPD DLLRGPLQLE RLHLEGNKLQ VLGKDLLLPQ PDLRYLFLNG NKLARVAAGA FQGLRQLDML DLSNNSLASV PEGLWASLGQ PNWDMRDGFD ISGNPWICDQ NLSDLRRLWQ AQKDKMFSQN DTRCAGPEAV KGQTLAVAK SQVDDIEGRM DEPKSCDKTH TCPPCPAPEL LGGPSVFLFP PKPKDTLMIS RTPEVTCVVV DVSHEDPEVK FNWYVDGVEV HNAKTKPREE QYNSTYRVVS VLTVLHQDWL NGKEYKCKVS NKALPAPIEK TISKAKGQPR EPQVYTLPPS REEMTKNQVS LTCLVKGFYP SDIAVEWESN GQPENNYKTT PVLDSGDSF FLYSKLTVDK SRWQQGNVFS CSVMHEALHN HYTQKSLSL S PGKHHHHHH

**Quality Control** Endotoxin: Less than 0.1 ng/ $\mu$ g (1 IEU/ $\mu$ g) as determined by LAL test.

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

- Directions for Use** Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
- Storage/Stability** Store it at -20°C to -80°C for one year.

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